

DIVISION 11 EQUIPMENT

Section 11 00 00 Equipment - General

- 1 Information relates to Department technical requirements regarding maintenance equipment, security and vault equipment, library equipment, theater and stage equipment, instrumental equipment, audio-visual equipment, vehicle service equipment, parking control equipment, loading dock equipment, solid waste handling equipment, detention equipment, water supply and treatment equipment, fluid waste treatment and disposal equipment, food service equipment, residential equipment, athletic, recreational, and therapeutic equipment, laboratory equipment, office equipment, exhibit equipment, and the like.
- 2 Ensure equipment included in the contract documents, or supplied by the Client Department, have been provided with all necessary spaces, mechanical and electrical services and other support to accommodate same.
- 3 Warranty
 - 3.1 Ensure that the project manual specifies requirement of a manufacturer's warranty for all commercial kitchen refrigeration equipment compressors for a period of four (4) years beyond the date of expiration of the performance assurance.
- 4 All installed equipment shall be CSA approved.
- 5 For Equipment list, refer to DC350, Part 2, Section 2, Division 11, or project program.
- 6 Fabrication
 - 6.1 Ensure work is fabricated square, true, straight, fitting conditions and the program.
 - 6.2 Specify equipment fabricated from stainless steel, unless noted otherwise.
 - 6.3 Ensure equipment is fitted and shop-assembled, ready for erection where possible.
 - 6.4 Ensure equipment is deburred and has smooth edges.
 - 6.5 Ensure counter tops, table tops, drain boards, tray rails, and shelving are one continuous piece, where length is 10 feet or less. For equipment over 10 feet, ensure stainless steel sections are welded, including field joints.
 - 6.6 Welding
 - 6.6.1 Ensure welding is sound, non-porous, and free from imperfections. Ensure welds are continuous, except for spot welds or if indicated otherwise.
 - 6.6.2 Ensure color and corrosion resistance of weld matches surround material.

Ensure welding or finishing process does not impair the corrosion resistance of the finished equipment.

- 6.6.3 Ensure spot welds are a minimum 1/8" diameter and have full penetration.
- 6.6.4 Ensure exposed welds are ground smooth and polished matching surround material. Ensure other welds are ground smooth.
- 6.7 Ensure equipment is installed in accordance with manufacturer's printed instructions, coordinated with appropriate mechanical and electrical work.
- 6.8 Game Lines
 - 6.8.1 Game line layouts for specific gymnasiums are available from DTIR staff.
 - 6.8.2 Co-ordinate installation of gymnasium equipment in relation to such layouts.
 - 6.8.3 Discuss with and receive Department approval for any deviation from such approved layouts.

Section 11 65 00 Athletic and Recreational Equipment

1 In-Floor Accessories

- 1.1 Place-in-floor accessories after floor surface installation but before installation of game lines.
- 1.2 Place-in-floor accessories penetrating concrete slab after concrete has cured a minimum of 56 calendar days.

END